

CA Almond Board: The Almond Conference

Water: Are We Still at the Wishing Well?

Phil Isenberg, Chair

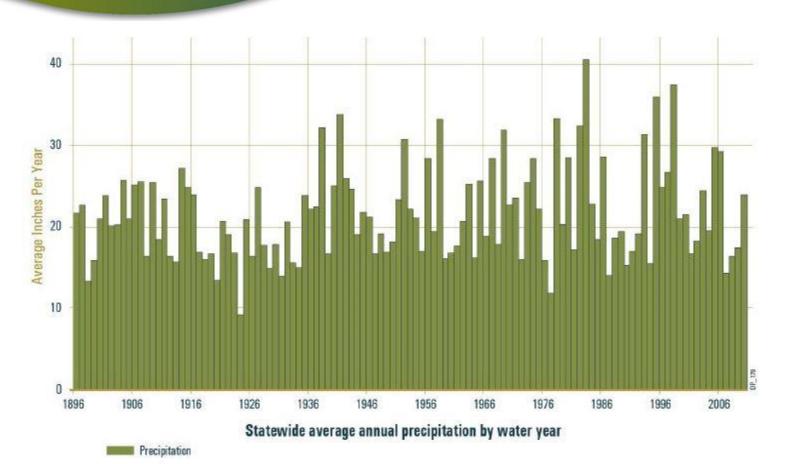
Delta Stewardship Council

December 4, 2013

deltacouncil.ca.gov

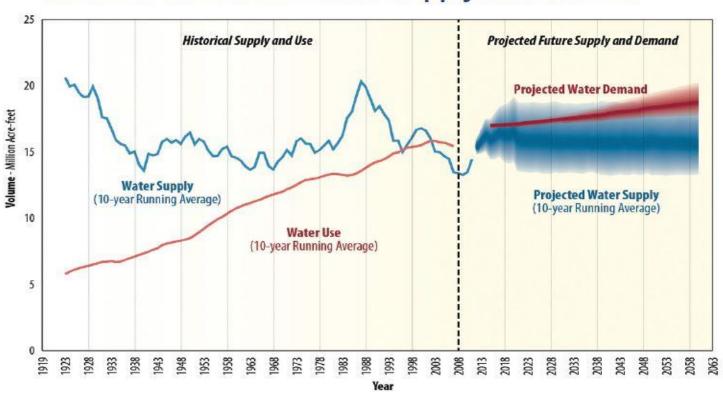


Our Water Supply Comes Mostly From Rain & Snow – and is Increasingly Erratic

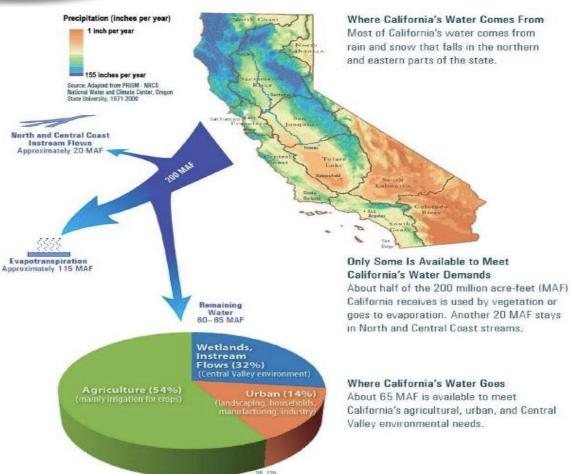


Matching Demands to the Supply Available from the Colorado River is Inevitable

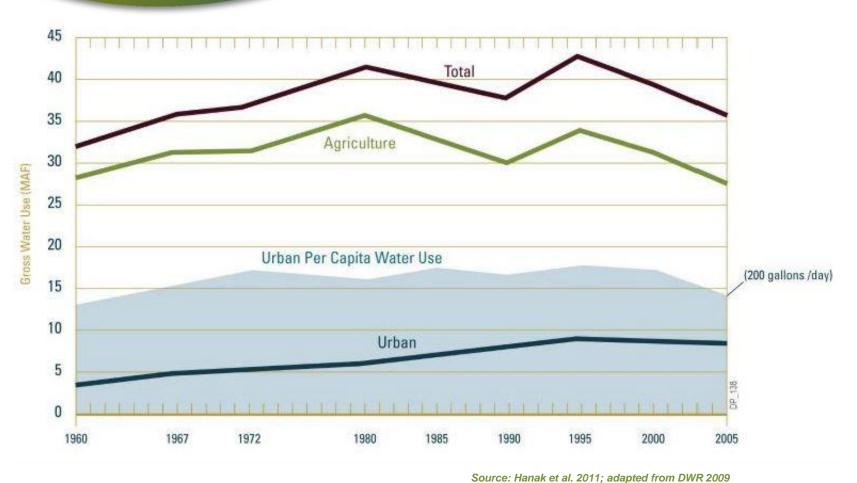
Historical Supply and Use and Projected Future Colorado River Basin Water Supply and Demand

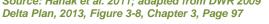


Water Use Overall

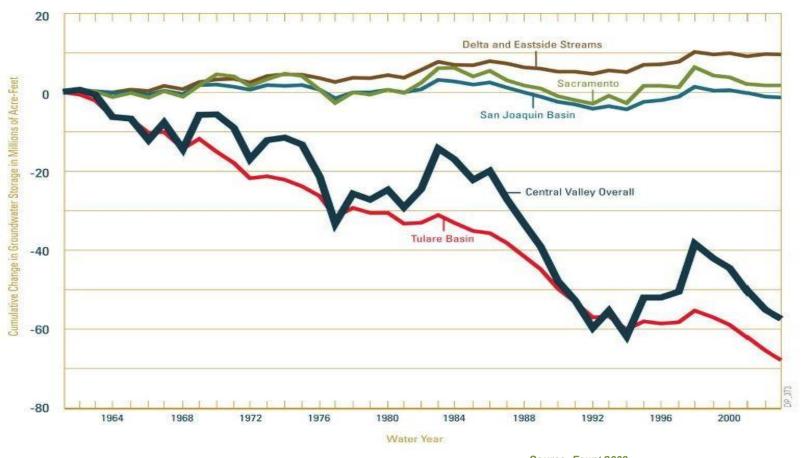


Water Use Trends





Groundwater: A Special Problem



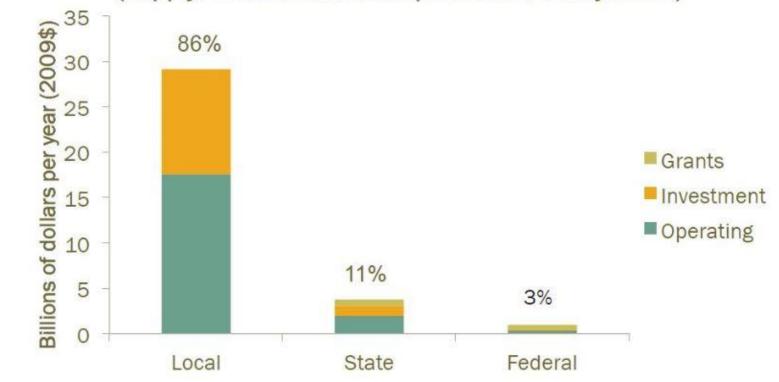


Present-Day Delta Flows are Very Different from Historical, Natural Flows

- Seasonal flows are much less variable and encourage nonnative fish and vegetation
- Peak flows now come at lower magnitudes and occur earlier on the San Joaquin River
- As exports and upstream consumptive use have increased, current fish populations are less than one percent of 1968 levels

Local Agencies Do Most Spending on California Water

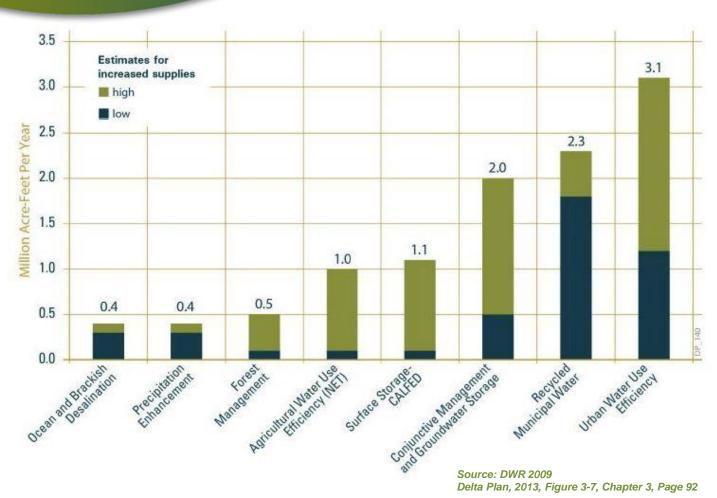
Water sector spending, late 2000s: \$34 B/year (supply, wastewater, flood protection, ecosystems)



2013 Water Plans with Common Broadly Based Problems & Solutions

- California Water Action Plan
 - Governor Brown's Staff Recommends
 - http://resources.ca.gov/docs/Final_Water_Action_Plan.pdf
- Delta Plan
 - Delta Stewardship Council adopted in May, 2013
 - <u>http://deltacouncil.ca.gov/delta-plan-0</u>
- 2013 Water Plan Update
 - Dept. of Water Resources document
 - <u>http://www.waterplan.water.ca.gov/cwpu2013/prd/index.cfm</u>

How Do We Get Out of the Pickle We Are In





The Delta Plan Promotes and Enforces

- Reduced Reliance
- Increased Regional Self-Reliance
- Diversification of Water Portfolio
- Investment in Water Storage
 - Both above and below ground
- Conveyance
- Responsible for Land Use to Protect a Reliable Water Supply and an Improved Delta Ecosystem

